## <u>Preparation of 2-dihaloacyl-3-aminoacrylic esters and 3-dihalomethylpyrazole-4-carboxylic esters</u>

## Abstract

The present invention relates to a process for preparing 2-dihaloacyl-3-aminoacrylic esters of the formula (I)

$$X^{1} \xrightarrow{O} CO_{2}R$$

$$X^{2} \xrightarrow{I} R^{1}$$

$$R^{2}$$

$$I$$

$$R^{2}$$

$$I$$

characterized in that

acid halides of the formula (II)

$$X^1$$
 Hal (II)

are reacted with dialkylaminoacrylic esters of the formula (III)

$$R^{1} \bigvee_{\substack{N \\ R^{2}}} CO_{2}R$$
 (III)

in which R, R<sup>1</sup>, R<sup>2</sup>, X<sup>1</sup>, X<sup>2</sup> and Hal are each as defined in the description

in a water-immiscible organic solvent in the presence of a base,

to the novel 2-dihaloacyl-3-aminoacrylic esters of the formula (I) themselves, to their use for preparing 3-dihalomethylpyrazoles, to a process for preparing 3-dihalomethylpyrazoles, and also to novel 3-dihalomethylpyrazoles.